

How to install DDQ into cabinet?

This guide was prepared for the DDQ series. It tells the users :

1. how to make the right speaker hole.
2. how to configure the internal space around the woofer in the cabinet.
3. how to choose the right thickness of the MDF that your cabinet uses.

The only purpose of this guide is to help users to **avoid** wasting time and money...

STEPS:

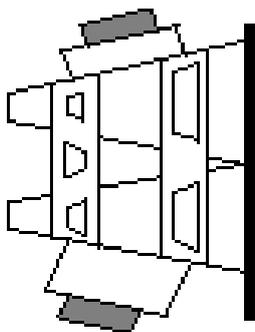
1. You must download the CAD file that specifies the exact dimensions of the faceplate. Make sure your woofer hole satisfies that dimension.

DDQ5-2: http://www.bzspeakers.com/pd_data/dimen/DDQ5-2-CAD.dxf

DDQ6-2: http://www.bzspeakers.com/pd_data/dimen/DDQ6-2-CAD.dxf

DDQ8-2: http://www.bzspeakers.com/pd_data/dimen/DDQ8-2-CAD.dxf

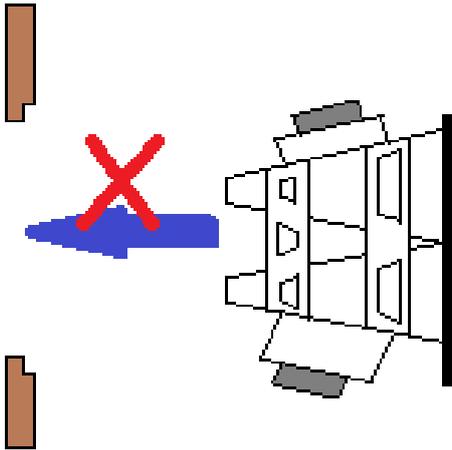
2. Please read the details about DDQ on our website and notice that the counterforce of the DDQ is much lower due to the symmetrical structure it adopts. So the thickness of the front panel of your cabinet doesn't need to be very thick(**18~20mm** is fairly enough).



3. Below is the main skeleton picture of the sideview of the DDQ. Please notice that the height of the speaker's main part is greater than its panel(This may confuse you when look at it at first). We certainly could make the height of the panel equal to or greater than its main part(so that the installation would be a little easier) **but** it will make the relationship of the size of the DDQ panel to the size of your cabinet uneasy(not looking good, etc.).

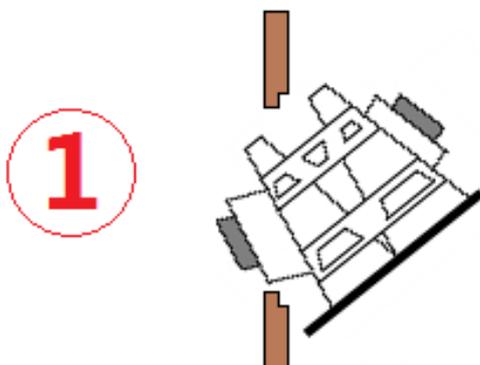
4. So when you are considering of making some internal structure in your cabinet or you just want to make the tweeter and the woofer closer to each other then **please notice the Point 3.**

5. **At last** this guide will show you how to install DDQ into your cabinet. Here the



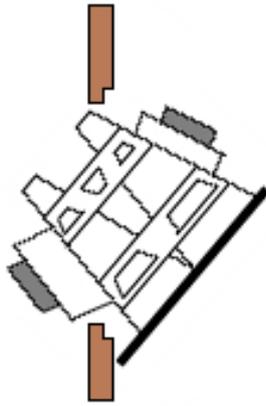
traditional “push in and pull out” method is futile(again the reason is that the height of the main part is greater than its panel. See left picture) and we need a simple trick to install it.

6. The right sequence of installing DDQ are shown below(all pics are shown in sideview):



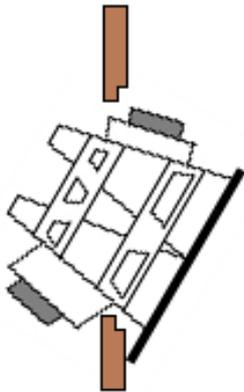
First, make DDQ lean forward. Let the bottom driver(the bottom ‘grey’ part in the pic 1) go through the woofer hole first.

2



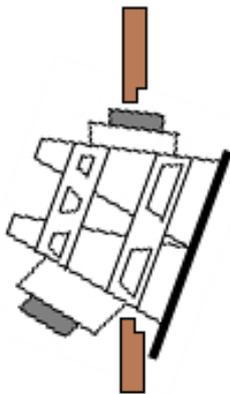
Then **push DDQ down** gently so that the bottom edge of the woofer hole in the cabinet goes into the **space** between the DDQ's bottom driver and DDQ's panel. And with the help of gravity the bottom part of DDQ gets into the cabinet.

3



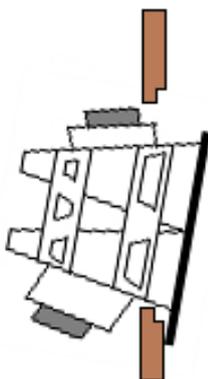
At this moment the bottom part of DDQ has fully got into the cabinet. Next, **decrease** the leaning angle and try to **push DDQ's top part** gently into the cabinet.

4



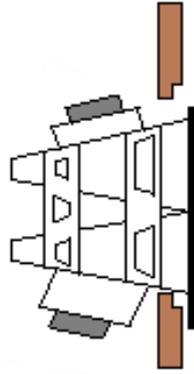
At this moment, the top driver of DDQ has got into the cabinet as you push the top part of DDQ into the cabinet.

5



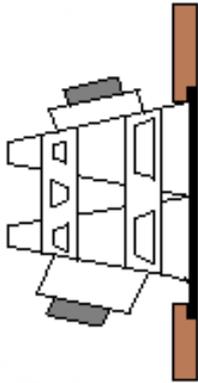
Now the main part of DDQ has fully got into the cabinet.

6



Adjust DDQ and put it into **right position**. Push DDQ's panel **upward** from its **bottom** so that the whole panel gets into the counterbore exactly.

7



At last you have installed DDQ into the cabinet and then fix all screws up.